ABSTRACT OF THE DISCLOSURE

A method for determining a maximum number of attempted retry operations when a read error occurs in an optical disk device. The method includes the steps of receiving an RF signal from a pickup of the optical disk device, detecting an envelope of the RF signal, asserting a defect signal when a level of the envelope is lower than a predetermined threshold, generating interrupt pulses during the assertion of the defect signal, and determining the maximum number of attempted retry operations using the interrupt pulses.